

Fig. 3

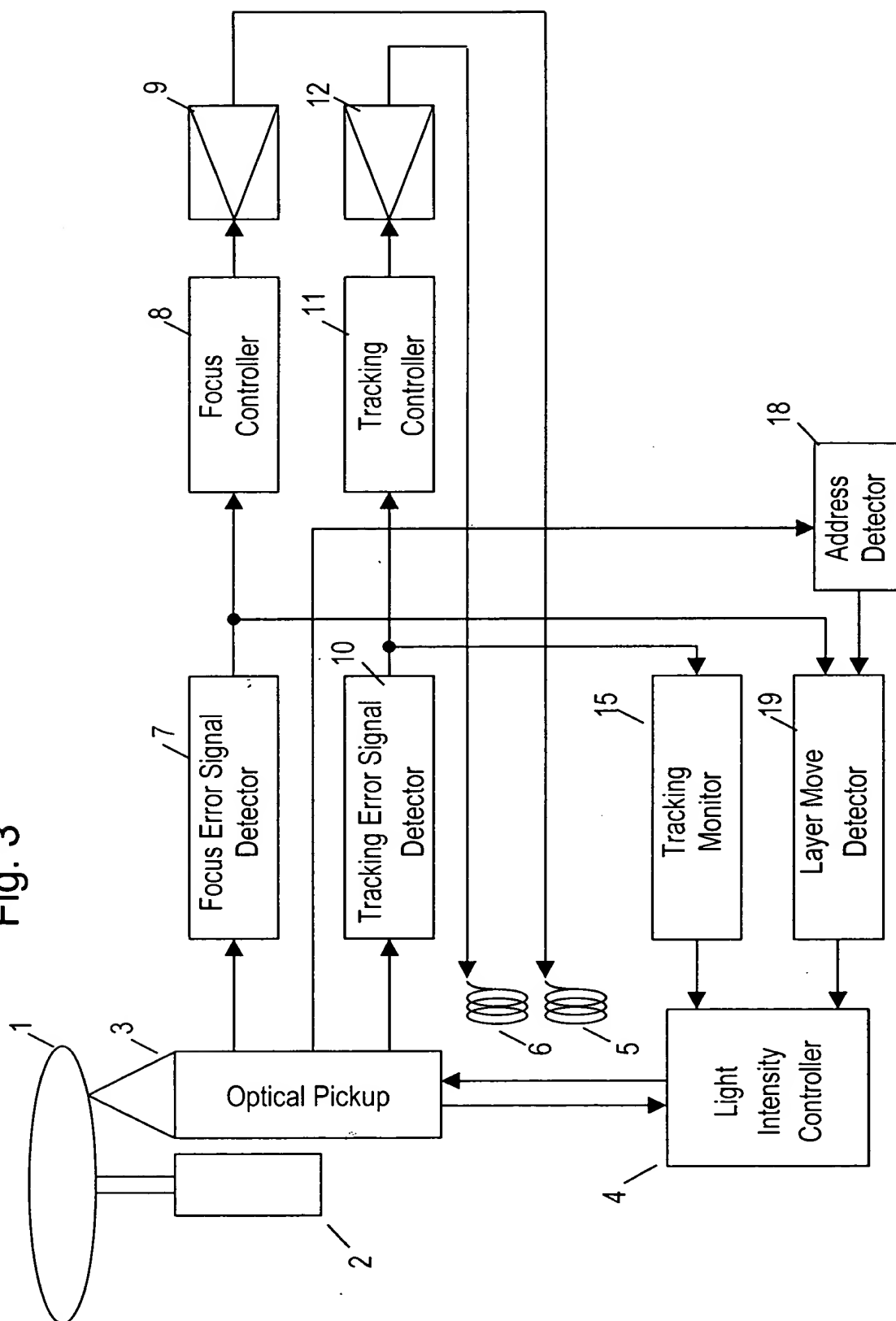


Fig. 4

The diagram illustrates a control system for a laser beam tracking application. The components and their interconnections are as follows:

- Optical Pickup (3)**: Receives light from a source (1) and reflects it off a surface (2). It outputs a signal (4) to the **Light Intensity Controller (4)**.
- Light Intensity Controller (4)**: Receives input from the **Tracking Monitor (15)** and the **Optical Pickup (3)**. It outputs a signal (5) to the **Tracking Error Signal Detector (10)**.
- Tracking Error Signal Detector (10)**: Receives input from the **Focus Error Signal Detector (7)** and the **Light Intensity Controller (4)**. It outputs a signal (12) to the **Tracking Controller (11)**.
- Focus Error Signal Detector (7)**: Receives input from the **Optical Pickup (3)** and the **Tracking Error Signal Detector (10)**. It outputs a signal (8) to the **Focus Controller (8)**.
- Focus Controller (8)**: Receives input from the **Focus Error Signal Detector (7)**. It outputs a signal (20) to the **Layer Move Controller (20)**.
- Layer Move Controller (20)**: Receives input from the **Focus Controller (8)**. It outputs a signal (21) to the **Selector (21)**.
- Selector (21)**: Receives input from the **Layer Move Controller (20)**. It outputs a signal (9) to the **Focus Error Signal Detector (7)** and the **Tracking Error Signal Detector (10)**.
- Tracking Controller (11)**: Receives input from the **Tracking Error Signal Detector (10)**. It outputs a signal (12) to the **Focus Error Signal Detector (7)** and the **Tracking Error Signal Detector (10)**.
- Tracking Monitor (15)**: Receives input from the **Optical Pickup (3)** and the **Light Intensity Controller (4)**. It outputs a signal to the **Light Intensity Controller (4)**.
- Controller (22)**: Receives input from the **Tracking Monitor (15)** and the **Light Intensity Controller (4)**. It outputs a signal to the **Light Intensity Controller (4)**.

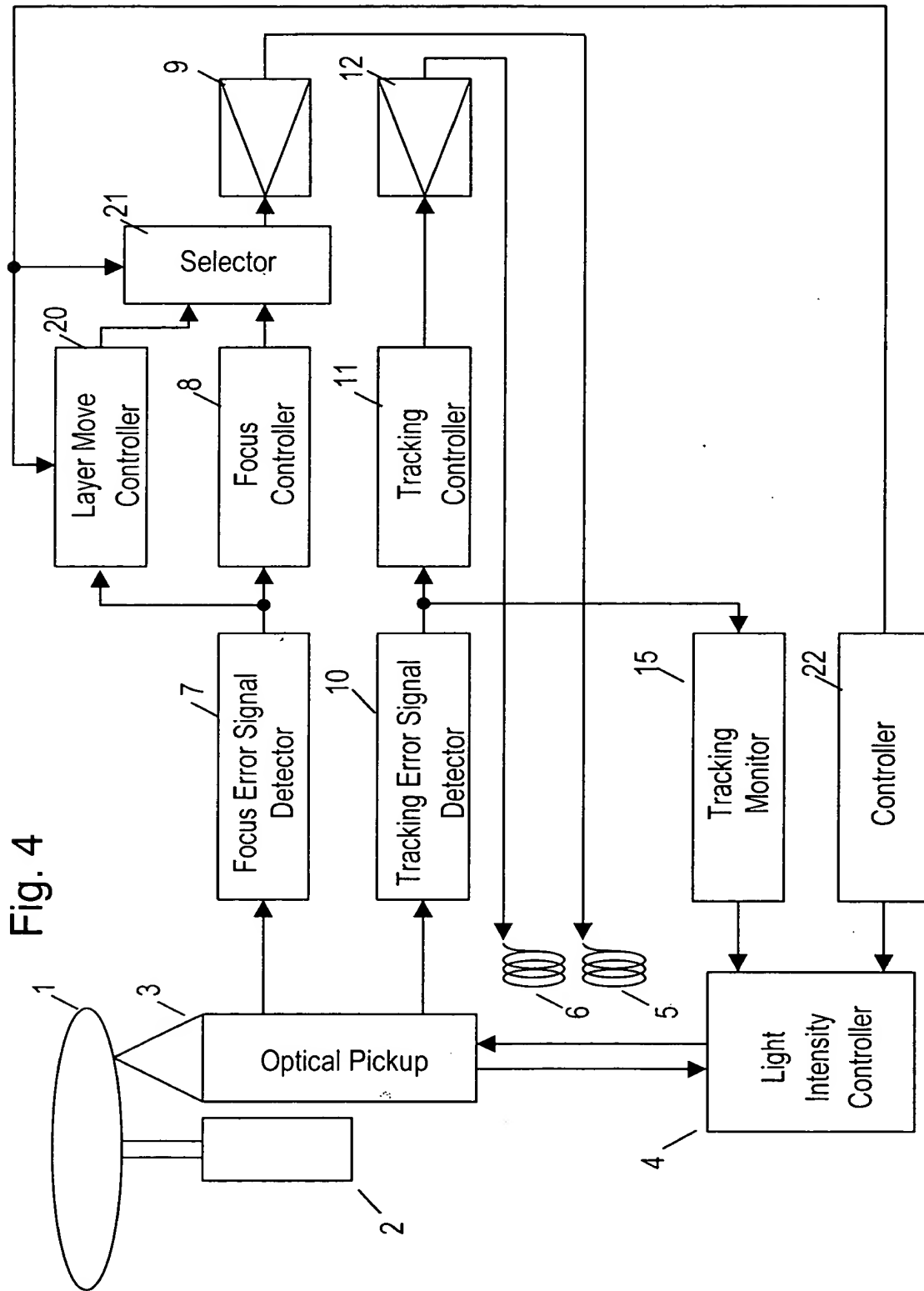


Fig. 5

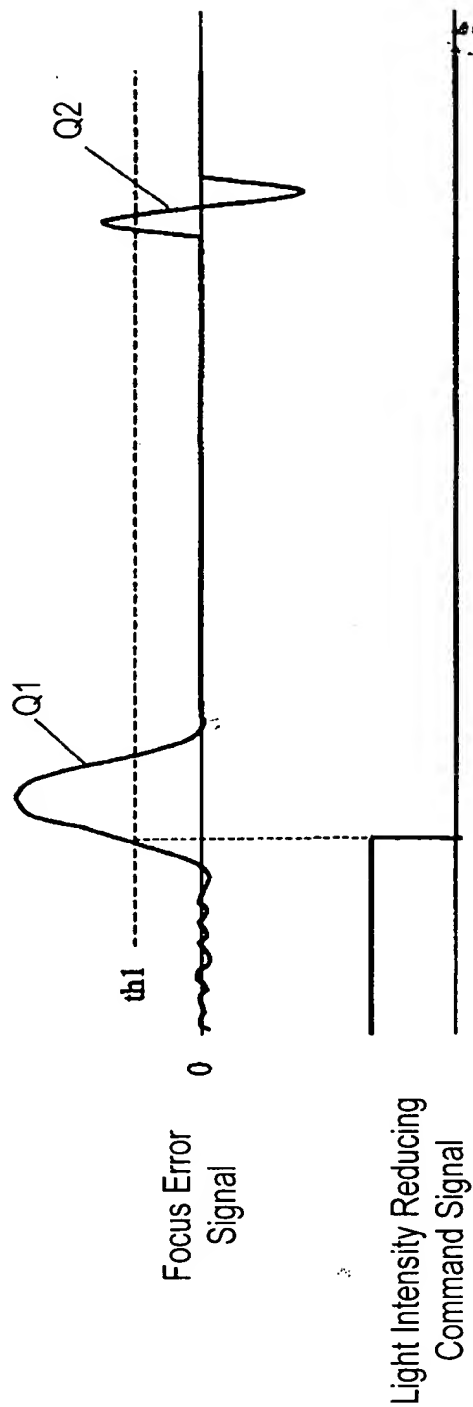
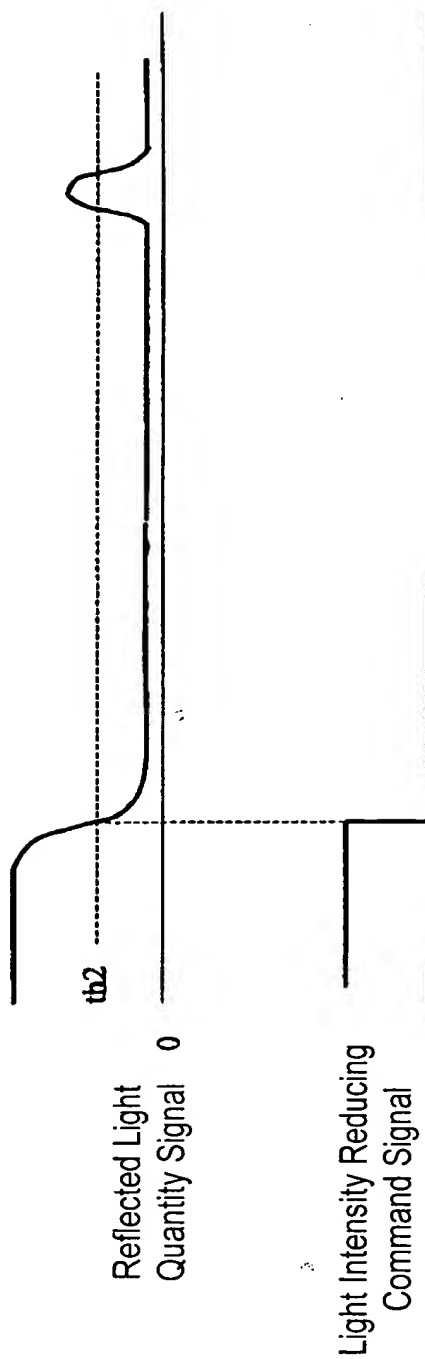


Fig. 6



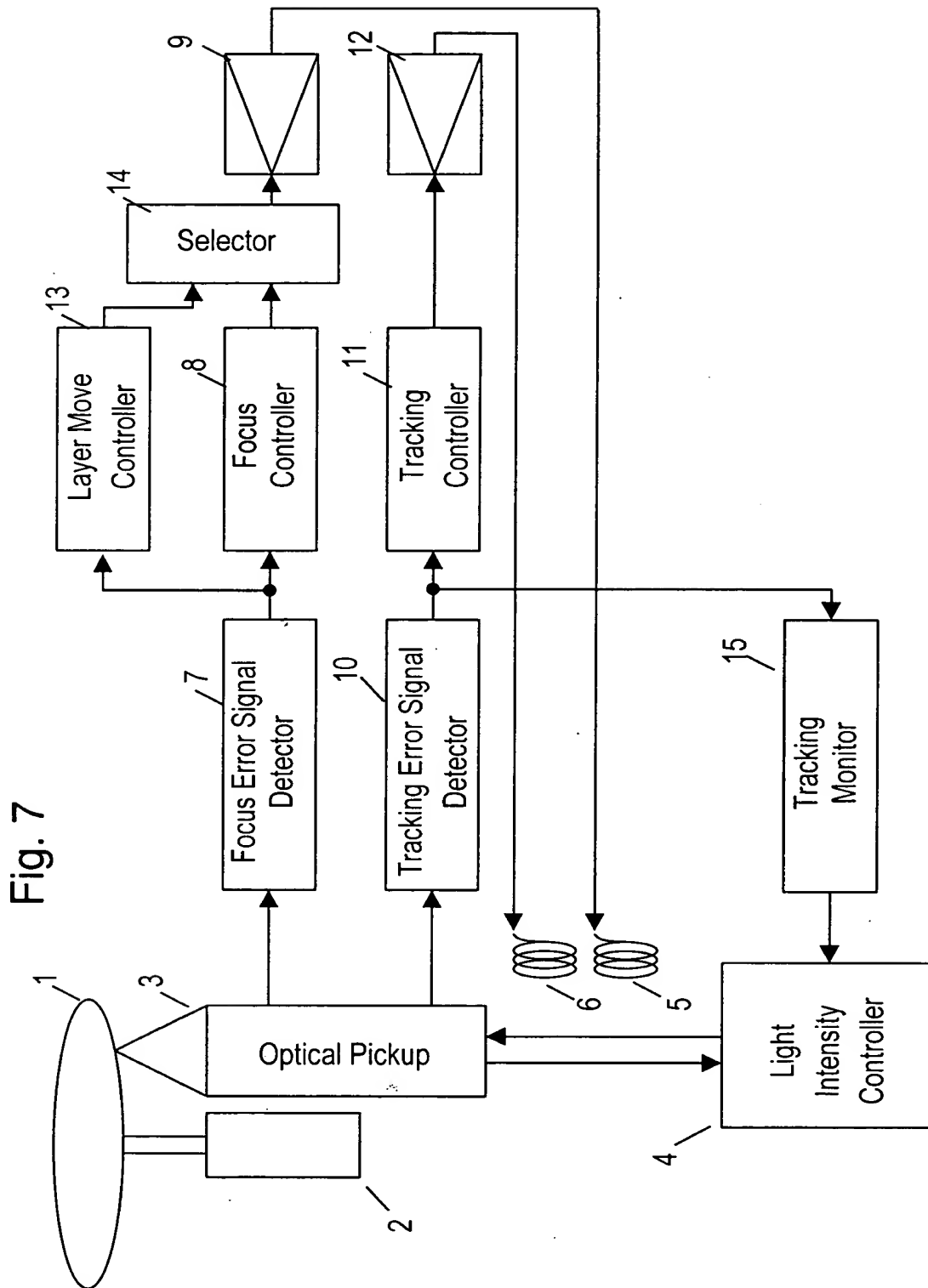


Fig. 8

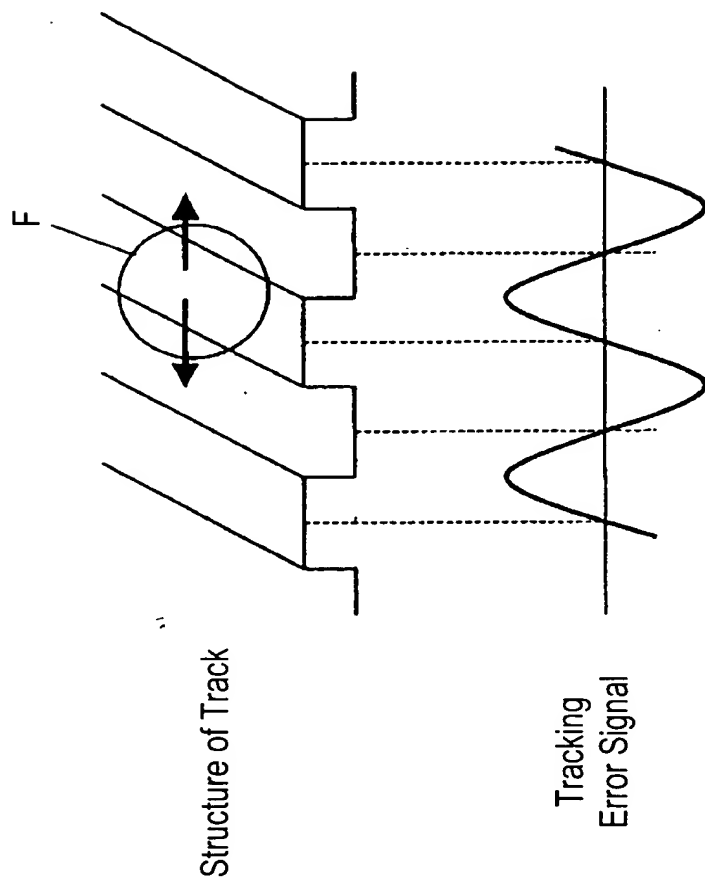


Fig. 9

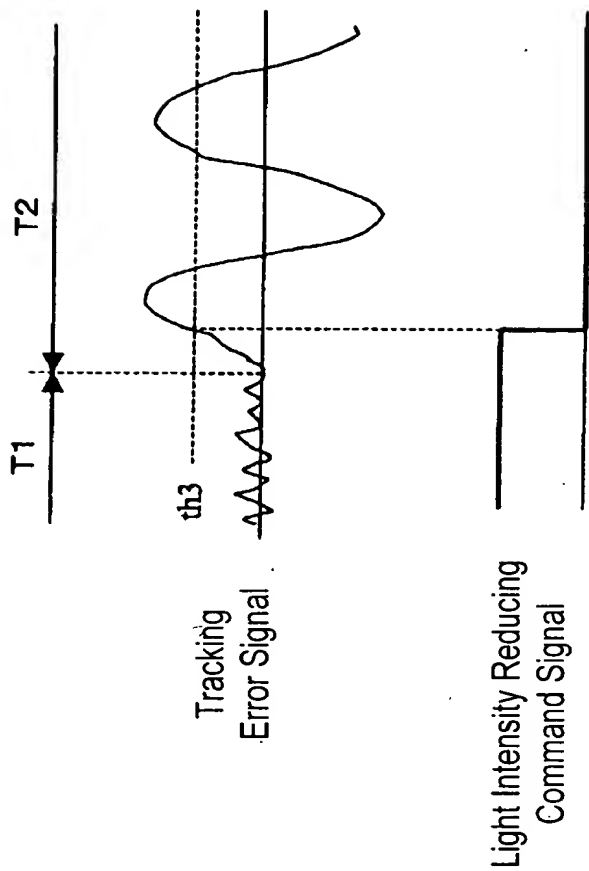


Fig. 10

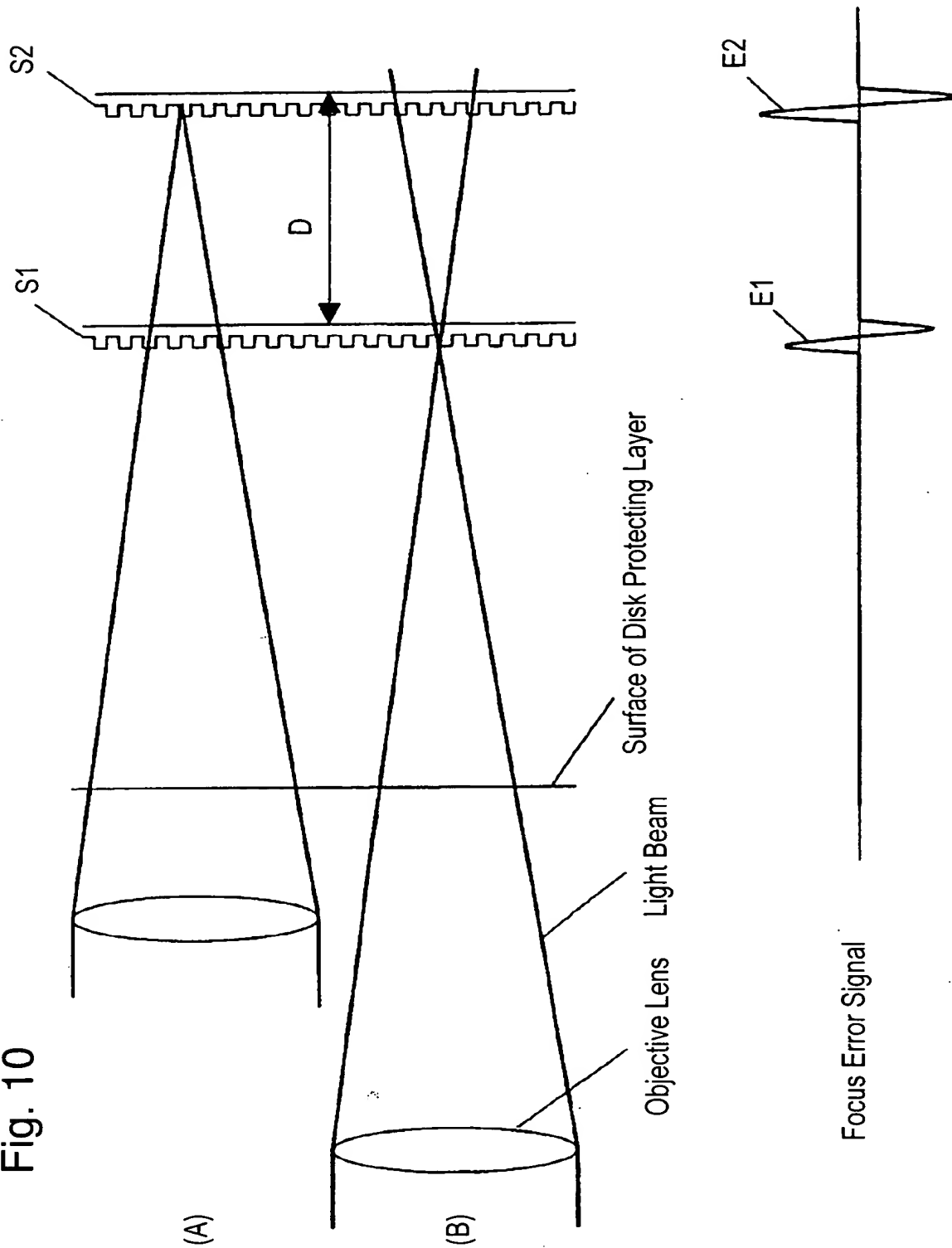


Fig. 11

